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(54) Title: NUCLEIC ACID SEQUENCES AND METHODS OF USE FOR THE PRODUCTION OF PLANTS WITH MODIFIED POLYUNSATURATED FATTY ACIDS

(57) **Abstract:** The present invention is directed to nucleic acid molecules and nucleic acid constructs, and other agents associated with fatty acid synthesis, particularly the ratios of saturated and unsaturated fats. Moreover, the present invention is directed to plants incorporating such agents where the plants exhibit altered ratios of saturated and unsaturated fats. In particular, the present invention is directed to plants incorporating such agents where the plants exhibit altered ratios of monounsaturated to polyunsaturated fatty acids.

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